

Anti-IKZF3 antibody [EPR9342(B)] ab139408

重组 RabMAb

9 References 9 图像

概述

产品名称	Anti-IKZF3抗体[EPR9342(B)]
描述	兔单克隆抗体[EPR9342(B)] to IKZF3
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human IKZF3 aa 1-100 (N terminal). The exact sequence is proprietary. (Peptide available as ab184024)
阳性对照	WB: Recombinant human IKZF3 protein (ab132618); Human thymus, Jurkat, Raji, and Ramos cell lysates. IHC-P: Human and rat spleen tissues and mouse cardiac muscle tissue. ICC/IF: Jurkat cells. Flow Cyt (intra): Ramos cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 0.05% BSA, PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR9342(B)

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab139408于以下的经测试应用

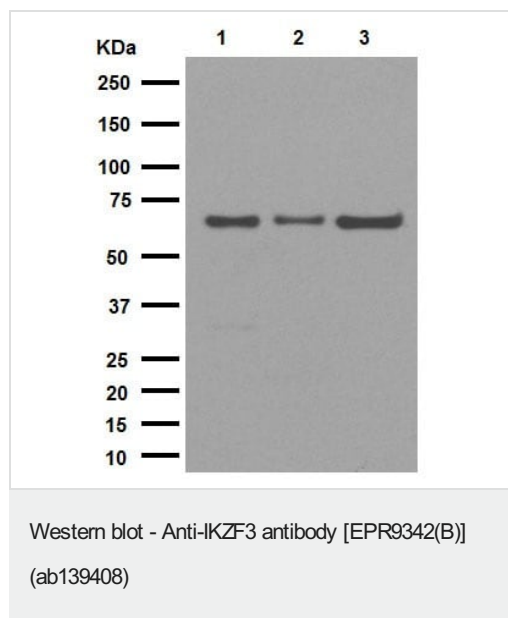
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/20000. Predicted molecular weight: 58 kDa. For unpurified use at 1/1000 - 1/10000.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols . For unpurified use at 1/250 - 1/500.
ICC/IF		1/100. For unpurified use at 1/250 - 1/500.

靶标

功能	Transcription factor that plays an important role in the regulation of lymphocyte differentiation. Plays an essential role in regulation of B-cell differentiation, proliferation and maturation to an effector state. Involved in regulating BCL2 expression and controlling apoptosis in T-cells in an IL2-dependent manner.
组织特异性	Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.
序列相似性	Belongs to the Ikaros C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers.
翻译后修饰	Phosphorylation on tyrosine residues induced by IL2 is required for dissociation from HRAS and nuclear translocation of IKZF3 in T-cells. Phosphorylation on tyrosine residues induced by IL4 is required for dissociation from Bcl-X(L) in T-cells.
细胞定位	Nucleus. Cytoplasm.

图片



All lanes : Anti-IKZF3 antibody [EPR9342(B)] (ab139408) at 1/20000 dilution (purified)

Lane 1 : Raji (Human Burkitt's lymphoma cell line) cell lysate

Lane 2 : Ramos (Human Burkitt's lymphoma cell line) cell lysate

Lane 3 : Jurkat (Human T cell leukemia cell line from peripheral blood) cell lysate

Lysates/proteins at 20 µg per lane.

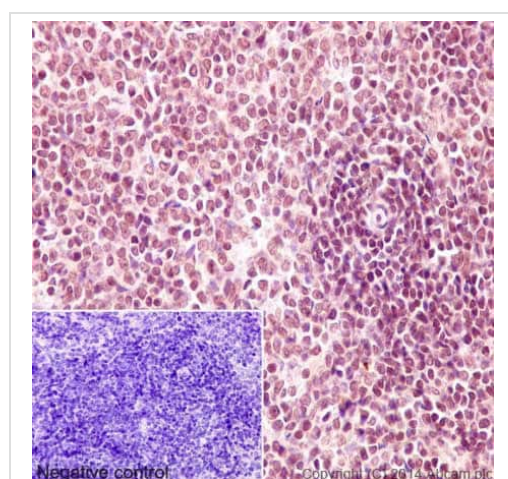
Secondary

All lanes : Peroxidase conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 58 kDa

Observed band size: 70 kDa

Blocking/Dilution buffer and concentration: 5% NFDM/TBST.



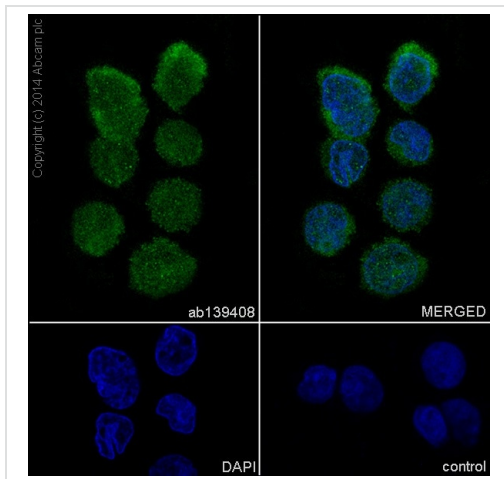
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat spleen tissue labeling IKZF3 with purified ab139408 at 1/100.

Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. [ab97051](#), an HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500).

Negative control using PBS instead of primary antibody.

Counterstained with hematoxylin.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

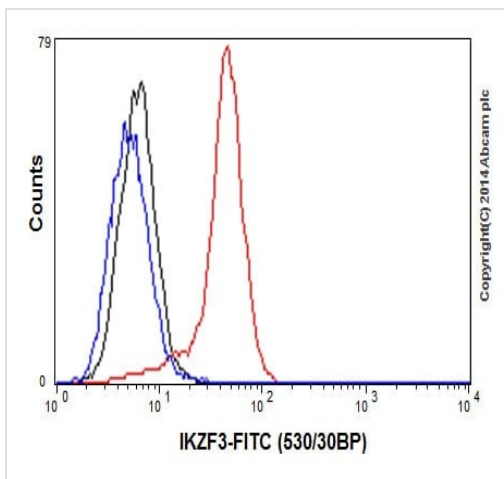


Immunocytochemistry/ Immunofluorescence - Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

Immunocytochemistry/Immunofluorescence analysis of Jurkat (Human T cell leukemia cell line from peripheral blood) cells labeling IKZF3 (green) with purified ab139408 at 1/100.

Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/500) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain.

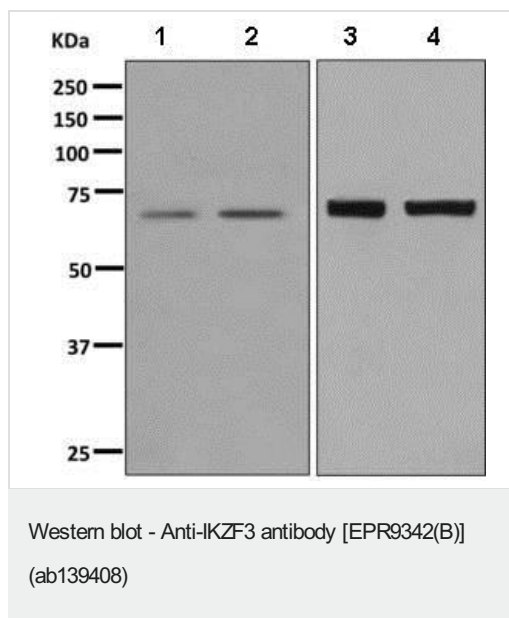
Control: Secondary antibody **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/500).



Flow Cytometry (Intracellular) - Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

Intracellular Flow Cytometry analysis of Ramos (Human Burkitt's lymphoma cell line) cells labeling IKZF3 with purified ab139408 at 1/90 (red).

Cells were fixed with 2% paraformaldehyde. An FITC-conjugated goat anti-rabbit IgG (1/150) was used as the secondary antibody. Black - Isotype control, rabbit monoclonal IgG. Blue - Unlabeled control, cells without incubation with primary and secondary antibodies.



All lanes : Anti-IKZF3 antibody [EPR9342(B)] (ab139408) at 1/1000 dilution (unpurified)

Lane 1 : Human thymus cell lysate

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral blood) cell lysate

Lane 3 : Raji (Human Burkitt's lymphoma cell line) cell lysate

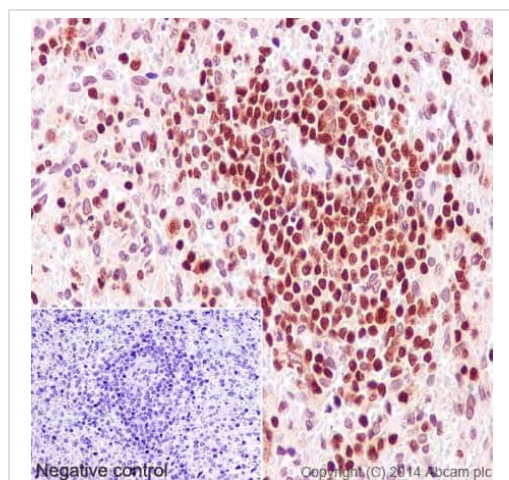
Lane 4 : Ramos (Human Burkitt's lymphoma cell line) cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labeled goat anti-rabbit at 1/2000 dilution

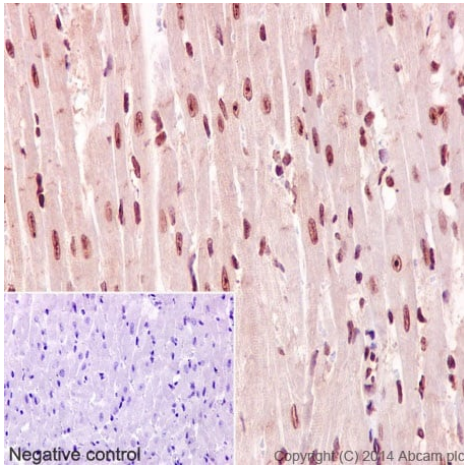
Predicted band size: 58 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human spleen tissue labeling IKZF3 with purified ab139408 at 1/100.

Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, an HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500).

Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

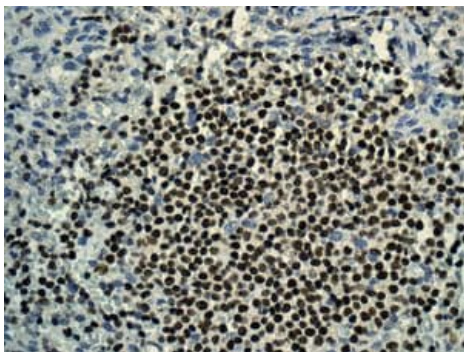


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cardiac muscle tissue labeling IKZF3 with purified ab139408 at 1/100.

Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, an HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500).

Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

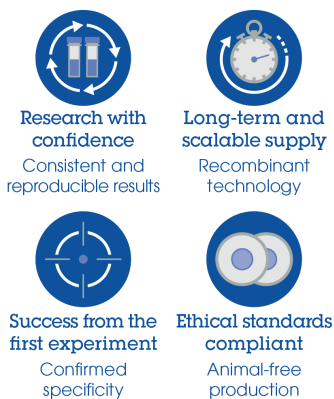


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human spleen tissue labeling IKZF3 with unpurified ab139408 at 1/250 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-IKZF3 antibody [EPR9342(B)] (ab139408)

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